

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of:)	
)	
)	
Retention by Broadcasters)	MB Docket No. 04-232
Of Program Recordings)	

To: The Commission

COMMENTS OF S-R BROADCASTING CO., INC. (S-R), the licensee of KRKO-AM, pursuant to the Notice of Proposed Rulemaking, MB Docket No. 04-232. S-R hereby submits its comments in OPPOSITION of the Commission's proposal to require the recording of programming by broadcast stations, and the retention of such recordings, in any form. The Commission has already successfully and regularly demonstrated that incidents of obscenity, indecency, and profanity are punished without this NPRM.¹ In fact, the Commission also demonstrates in the instant NPRM that fewer than 1.2% of all complaints received between 2000 and 2002 were denied or dismissed due to the lack of a tape, transcript, or significant excerpts.² Congress recently bolstered the Commission's enforcement ability by raising the ceiling on fines. Therefore, there is no compelling public interest served by adding additional layers to a system that fundamentally works.

However, given that it appears the Commission's intent is to proceed with this rulemaking, S-R submits the following additional comments:

¹ See Citicasters Co., Licensee of Station KSJO(FM), San Jose, California, 15 FCC Rcd 19095 (EB 2000) (forfeiture paid). See also Emmis Radio License Corp., FCC 04-62 (rel. Apr. 4, 2004) See also Clear Channel Broadcasting Licensees, Inc., 19 FCC Rcd 1768 (2004)

² See Letter from Chairman Michael K. Powell to the Hon. John D. Dingell, March 2, 2004

1. IN RESPONSE TO THE PROPER LENGTH OF TIME.

If licensees are required to retain recordings of their broadcast day, a period of no longer than 21 calendar days is more than sufficient for retention as technology is currently too expensive and largely untested for longer periods of recording. We will outline this further in our response in Section 5.

2. IN RESPONSE TO RECORDING TYPE AS IT AFFECTS THE COMMISSION'S ABILITY TO ENFORCE SPONSORSHIP ID REQUIREMENTS, LEGAL I.D., AND OTHER SIMILAR RULES.

No comment.

3. HOW PROPOSED REQUIREMENTS SHOULD AFFECT THE ESTABLISHED BROADCAST COMPLAINT PROCESS.

S-R suggests that if a group or individual chooses to complain about a particular broadcast, the following procedure should apply:

- a. The complaint should be sent in hard-copy to the Commission, to the licensee, and to the general manager of the radio station. This will eliminate any Commission processing lag in licensee notification.
- b. The complaint should be made within 14 calendar days of the alleged incident.

- c. The complaint should be personally signed by the citizen or organization leader making the complaint and include a contact address and phone number.
- d. The complaint must originate from an address within the radio station's service area. That service area should be based on the outside measured edge of the actual daytime 0.5 mV/m contour for AM stations and the measured protected 60-54 dBu contour for FM stations as their class, power, and geographic location designate.
- e. The complaint letter should be sent Certified mail, Federal Express, or via equivalent delivery system capable of requiring a delivery signature and date stamp.
- f. The complaint should not be sent electronically. A complaint email may be stopped by a radio station's firewall as a result of the use of a specific key-word within the email (the "F-Word," for example), or may be stopped based on an attachment to the email. Also, there is no way to effectively guarantee or confirm electronic delivery to the radio station. Therefore, this method of delivery should be disallowed.
- g. Broadcast recordings saved as the result of a complaint should only be preserved until the complaint is dropped by the complainant or the complaint is disposed of by the Commission.
- h. Licensees should not be required to furnish a copy of any recording to any party until compelled to do so by the Commission, and then only after a formal Commission investigation is launched.

- i. If the Commission requests a copy of a recording, licensees should be allowed to determine the proper length necessary to satisfy the initial inquiry. If additional material is requested, the Commission can make the determination whether a full, linear hour is required, or whether additional program hours are required.
- j. The Commission must be required to reach a final and complete decision on all complaints within 120 calendar days of the date the complaint is received. If the complaint is not disposed of by this date, it should be dismissed.
- k. At no time should a licensee be required to provide a recording of any portion of their programming to any party other than the Commission, and then only in the case of an obscenity, indecency, or profanity enforcement action.

Failure to notify the Commission, the licensee, and the station general manager, in hard-copy, and failure to utilize Certified mail or its equivalent to ensure signature delivery and date stamp, should be grounds for dismissal of the complaint, regardless of its validity. A definitive, immovable notification time-frame of 14 calendar days should also ease the load on the Commission given the volume of complaints certain to ensue from this rulemaking. A station retention requirement of 21 calendar days will ensure the recording is still available at the time a complaint is received allowing the licensee's staff ample time to preserve the broadcast in question for future review or Commission inquiry. Please see S-R's response in Section 5 regarding additional factors impacting the proposed retention period.

In light of the increased liability the Commission intends to place on radio station licensees, including the renewed threat of license revocation, it is only fair that licensees be made aware of, and have the right to respond to, every complaint at the earliest possible opportunity rather than be required to live under the anvil of potential liability for up to three months. Swift notification also allows the licensee to preserve the recording in time for any potential Commission investigation. Any group or individual should reasonably be able to issue even the most basic complaint letter within two weeks' time.

Furthermore, the Commission should not be allowed more than 120 calendar days to dispose of a complaint. The Commission may seek time to perfect their decisions to improve the body of case law surrounding indecency, obscenity and profanity, but the fact remains the Commission is attempting to perfect a system fundamentally flawed by subjective standards at the core. Licensees deserve to know the outcome of their alleged infractions in a timely manner.

The broadcast complaint process should still require the complainant to submit a significant excerpt, at a minimum. The complainant must shoulder some burden of proof or there is little to stop complainants from flooding the FCC with generic, unsubstantiated allegations. Requiring the complainant to provide at least a significant excerpt, even if it's from their own recollection, may afford the station the ability to refute the allegation before the Commission is able to launch an inquiry, saving all sides time and money.

The Commission should consider imposing a cap on the number of separate complaints an individual or organization can launch against a given radio station in a year. For example, no individual or organization should be allowed to file more than two separate complaints against a single radio station during one year's period of time. The time period should be measured from the date of the first complaint.

Where a licensee can establish its radio station or program is the object of a targeted attack, the Commission should have the extraordinary authority to summarily dismiss all complaints against that radio station, regardless of the validity of the complaint. A situation might reasonably occur where a group or individual takes it upon themselves to launch a fusillade of complaints or wage a targeted campaign against a radio station or host solely for the purpose of having the grant of the radio station license denied by the Commission at renewal time, regardless of whether or not that station or host was "walking the line" of indecency, profanity, or obscenity. Given the attention the Commission is giving to the complaint process, it is reasonable to expect that complaints will grow in number and magnitude.³

Tyranny of the minority through complaints ultimately driven by a license revocation agenda among a core group of zealots could ultimately break an independent station owner through legal defense costs and time. A station owner will be forced to retain

³ According to Commission statistics, 14,379 complaints were received between 2000 and 2002. In 2003 alone, the number of complaints exceeded 500,000. See Letter from Chairman Michael K. Powell to the Hon. John D. Dingell, March 2, 2004. See also, Radio Ink Magazine "Meet the Commissioners," August 2004, p. ?? (I loaned the magazine out too soon.)

counsel for every complaint, regardless of the validity of the complaint, because of the reemergence of the threat of license revocation. Our current cost for legal advice is \$240/hour. The likely impact of a complaint that is ultimately rejected by the Commission could easily begin at \$720 and range to \$2,400 per complaint. That is enough to make or break a small, independently owned radio station's profit margin in one month.

4. ON WHETHER THESE RULES SHOULD APPLY TO ALL DIGITAL STREAMS.

The rules should not apply to any digital streams. If the NPRM at issue is implemented at all, it should apply only to the primary over-the-air analog channel for broadcasts where the analog content is transmitted and the carrier is the means of communication. All subsequently available digital streams utilizing the carrier solely as a transportation mechanism should be afforded the same latitude as though the over-the-air station is serving as a larger version of a cellular provider or cable provider, distributing content that is unencumbered by indecency, obscenity, or profanity regulations. Once the carrier ceases to be used as the means of communication, and instead becomes a means of transportation for communication, images, or data, the content should only be regulated to the same extent a cellular provider can be regulated for the use of their license. Content regulation, and the need for this rulemaking, should be off the table.

Alternately, once streams are digitized, it is possible for new HD reception devices to contain their own "V" chip as currently demonstrated by television. Future FCC

regulatory enforcement action should only be taken against broadcast stations that incorrectly encode a particular program with a general rating, as opposed to a restricted rating. So, for example, with a digital stream, a broadcast station should be allowed to distribute material considered by some to be obscene, profane, or indecent, 24 hours a day, provided they've properly electronically encoded the potentially offending programming for a "V" chip intercept. If the broadcast station fails to do so, then Commission enforcement action may be warranted for failure to improperly "rate" the program. A consumer HD reception device "V" chip eliminates the need for safe harbor in the digital age, and stations alone should be allowed to decide whether they want to electronically restrict their audience by broadcasting a potentially offensive program, or face punitive fines for not doing so.

5. HOW THE PROPOSED REQUIREMENT WILL FINANCIALLY IMPACT STATIONS.

S-R requests that the Commission engage in a comprehensive study, separate from, and prior to, this rulemaking, that establishes what the baseline cumulative financial impact of broadcast retention, IBOC implementation, and potential likely NPRMs on mandatory "public interest" programming could be to stations, particularly small stations and licensees of less than five radio stations. The Commission, through this rulemaking and future likely actions contemplated in MB Docket 04-233, seeks to eradicate the independent station owner through a "death of a thousand cuts," leaving only large corporations able to shoulder the financial burden of operating radio stations across America. Ironically, in its push for "localism" and "diversity," the Commission may

actually be driving the independent station owner to extinction. The same Commission decisions that allowed 12,000+ broadcast licenses to become a reality, automatically paved the way for computerization and format specialization, including more “aggressive” programming as a means of survival for some stations. Were the competition not so great, the Commission would still be able to regulate stations as though it were 1970. The genie is no longer in the bottle.

S-R Broadcasting Co., Inc. does not currently, nor has it ever, retained copies of its broadcasts. S-R has never been the subject of an obscenity, indecency, or profanity complaint. This rulemaking will impose a substantial, on-going financial burden on an independent, small station owner. A recent cost estimate from the Eventide corporation for their VR615 8 channel auto-logging system indicates the cost is approximately \$10,150 for the least expensive recorder (excluding tax), plus \$200 per year in maintenance, \$500-\$1,000 for installation by a contract engineer, several hundred dollars annually for media and a minimum of 5 hours monthly for record-keeping at whatever the rate may be in a given market. This equipment is likely the simplest solution to the NPRM at issue and is provided as Exhibit 1.⁴ The VR615 8 channel recorder will provide for 30 calendar days of recording. Eventide does not currently make a less costly model. Over the next 6 to 12 months, Eventide contemplates a PC based model with a lower price point, but the details are currently unknown.⁵

⁴ See also <http://www.eventide.com/vr778/vr615.htm>

⁵ Personal Communication with Rick Willgerodt, Manufacturer’s Representative for Eventide, 7/23/04

A non-com FM recently moved into a building 300 feet down the street from ours. That station is certainly unable to cover the cost of such a recording machine considering the cost is roughly 1/3 of what their station manager is paid in a year, and he is the only paid staff person. It would be a large financial hardship for us, as well. The cost of the machine is approximately ¼ of what I currently pay myself annually and I'm a licensee! Anything short of the Eventide equipment (VCR, CD-ROM, cassette, etc.) requires too much human intervention, is prone to human error, is too costly to maintain, or is unproven.

For example, a radio station utilizing a VCR configured to use the SLP setting for eight hours of audio recording, requires three tapes per day for each day the licensee is required to maintain a recording. Over a 21-day period of time, a radio station ultimately is required to maintain 63 individual cassettes. Human intervention is mandatory for every tape switch, and there will be gaps during the time the tape is switched out, not to mention broken recorders over time, worn out heads, etc. Since most stations don't have staff available on weekends, including ours, and since most stations are without staff during the evening and overnight portion of the day, manual solutions to a retention mandate are not feasible.

For a digital alternative to the Eventide system, the amount of hard drive space required is staggering to astounding depending on the compression scheme chosen. To record a single audio-only stream in .wav format for 30 days, a radio station has to have a minimum of one 200 GB hard drive. If compression is an option, a 22K, 16 bit mono

stream requires 3.8 GB of storage space for every 24 hour period. In 30 days of recording, that amounts to 114 GB of storage that is required. The hard drives are \$200-\$800 depending on the manufacturer (Exhibit 2) and require the expertise of an engineer to incorporate the drive into a computer. Forcing broadcasters to retain program recordings beyond 30 days will require RAID arrays to combine hard drives. The arrays are costly, difficult to maintain, and often require outside contractors charging \$60-90/hour to monitor their operations at least quarterly if not on a more frequent basis. These estimates exclude redundancy costs necessary to protect the licensee in the event of some kind of recording failure. These factors again underscore that 21 days should truly be the maximum retention period. S-R lacks the resources for a more thorough analysis of digital software alternatives, and as we will further demonstrate, sufficient, existing alternatives are not yet available.

There is a handful of seemingly low-cost software recording solutions available on the Internet ranging in price from \$69 to \$279 (Exhibit 3), but none of these solutions has been proven in a commercial environment, their reliability is unknown, and their compatibility is unknown. Marrying these to a computer and adding a large capacity hard-drive for 30 days of recording could easily run \$2,000-\$3,000, excluding any kind of redundancy, which would also be necessary to avert crashes, assuming all the hardware and software is compatible in the first place. None of these consumer software offerings was created to record and store 720 consecutive one-hour events (30 days x 24 hours). None of these consumer offerings has a means of over-writing a file at the end of a 21 or 30-day cycle. And none of these consumer software offerings has a simple way

to program 720 recording “events” except to have a human program the events line-by-line. And at the end of the 21 or 30-day cycle, these consumer offerings have to be re-programmed again because there is no programming mechanism to tell the machine to start over with the first recording and over-write it.

S-R’s experience with low-priced consumer software created by small, independent developers is that it basically works, but never reliably. Nor does our own commercial software work reliably 100 percent of the time. For example, S-R utilizes the Broadcast Electronics AudioVault AV100 recording system.⁶ This is a widely used system among broadcasters in America. Within the software, there is a program known as NetDelay. With the purchase of a \$3,200 proprietary audio card, an additional server at \$4,500 (ours have no more room for more AudioVault cards) and additional hard-drive storage devoted to the purpose, we can set this software up to record every hour of every day, automatically, for one week, with each file equal to 55 minutes of record time in an hour (there is a transition point that takes place between the end of one recording and the beginning of the next which requires a five-minute gap). At the end of one week, the software has no option to record using new filenames. Unlike the consumer software options, though, NetDelay can revert to the first filename used during the previous week and overwrite that file. Programmed once, it can stand alone forever if seven days are all that are required.

Otherwise, as long as S-R has somebody on staff spend up to three hours per week saving 168 audio files under an alternate file name (7 days x 24 hours), we have the ability to

⁶ www.audiovault.com

save as many weeks of audio as we have hard drive space (three weeks is probably the limit). Doing so is the equivalent of the IRS asking every citizen in America to scan a copy of each of their receipts and keep them stored electronically in case they need to trace every transaction we ever made. Just because it can be done doesn't mean it's an efficient, reasonable way to accomplish the goal. Lastly, NetDelay still has a failure rate. It's low, but it exists, and it's a commercial application.

Desktop Technologies, a partner of Broadcast Electronics is just beginning to consider a modification to an existing commercial application called NewsBoss Audio Capture, but the further development of that application is many months away, if feasible, and the cost of that software enhancement is unknown at this time.⁷

In an effort to inject some levity in a serious matter, the Commissioners must be very adept at programming their own VCRs and therefore presume broadcasters can simply program software far more complex with little effort, time, or cost. This is not the case. The Commission is certain to receive more thoughtful analysis from broadcast corporations like Clear Channel, Citadel, Entercom, and others demonstrating that some solution not discussed here may address this NPRM in an acceptable manner. It behooves the Commission to bear in mind that group owners typically employ a full-time engineer and full-time information technology manager at their properties to deploy and maintain the potential recording system envisioned by the Commission. Most independent and small group owners, however, utilize contract engineers on a monthly or

⁷ Personal communication with Kurt Lass, Director of Product Marketing for Desktop Technologies, July 20, 2004. www.newsboss.com

quarterly basis, largely rely on the limited computer expertise of their staff, or default to telephone support to keep their systems operational.

S-R utilizes a contract engineer to visit our facility two times each quarter, generally on the weekends because the engineer has a full-time job with a large broadcast company. Our computer expertise is limited to my own ingenuity and the help of our production director who likes computers and learns quickly when necessary. We often rely on telephone technical support to resolve our issues. The Commission should attempt, at some point prior to this rulemaking, to call Microsoft technical support around midnight and see how long it takes to get assistance, and how easy it is to follow instructions from a technician in India. Good natured ribbing aside, this is one real-world scenario that plays out for us at least a few times annually, and will likely play out again if we are required to install a new software based logging system and maintain it. Unfortunately, S-R ultimately lacks the resources necessary to calculate the true financial impact of any recording system other than the known and established Eventide system in Exhibit 1 and the aforementioned AudioVault system. Neither system is affordable for us (our AudioVault system was cobbled together over a period of years). All other systems we're aware of are not fully developed for commercial use or are untested.

Absent aggregate financial impact analysis of this and likely future Commission actions, the Commission should seek to offset the burden of implementation envisioned by this NPRM by providing licensees with a spectrum license fee credit equal to \$7,000 to be applied against annual spectrum license fees.

6. CONCLUSION

S-R ultimately maintains that this NRPM is largely unnecessary, frivolous, and excessive. Recent industry studies cited in Radio Business Report indicate that the majority of Americans believe that radio contains the least objectionable content when compared to the internet, broadcast television, and cable. The minority cries to “save us from ourselves” by requiring government intervention to regulate over-the-air broadcasters in this manner are endemic of those who seek totalitarian control over the majority and who are so intellectually weak, they can’t engage their brain long enough to reach out and change their channel when they hear or see something that offends their particular set of values.

Over-the-air radio and television’s evolution to its present state is the result of extreme competition from the addition of cable, satellite TV, the Internet, satellite radio, changes in society, and changes in the way consumers use media. It is too late, and punitive, for the Commission to try to impose additional burdens on over-the-air broadcasters who are clearly providing a product that is in-demand, and competitive, even if, in some limited instances, that material is considered by a relative few to be obscene, profane, or indecent. The mandate envisioned in this NPRM adds unnecessary layers to enforcement actions and is an alternate version of the \$225 Army screwdriver.

We reiterate that the Commission has already successfully and regularly demonstrated that incidents of obscenity and indecency are punished without this NPRM.⁸ In fact, the Commission also states in the instant NPRM that fewer than 1.2% of all complaints received between 2000 and 2002 were denied or dismissed due to the lack of a tape, transcript, or significant excerpts.⁹ Congress recently bolstered the Commission's enforcement ability by raising the ceiling on fines. Therefore, there is no compelling public interest served by adding additional layers to a system that fundamentally works.

Now that the Commission has elevated the demands of some to the fore, we implore the Commissioners to travel 45 minutes outside of the markets where the recent localism hearings were held, walk inside some of the single-owner radio stations, and meet some of the broadcasters. As S-R's representative, I've traveled to 35 radio stations around the State of Washington and been both to their studios and to their transmitter sites. The majority of radio stations I've visited are embattled from the explosion of competitive choices available to consumers, have heaps of old equipment stacked up in a back room to use for spare parts to repair their not fully digital operations, and are in buildings that appear to have been neglected for years. Yet, these same tired AM and FM properties are the backbone of our EAS system, the trip-wire for impending natural disaster, and the savior of countless charitable organizations in their communities. And I'm certain none of these stations has ever been the subject of a LOI for obscenity, indecency or profanity.

⁸ See Citicasters Co., Licensee of Station KSJO(FM), San Jose, California, 15 FCC Rcd 19095 (EB 2000) (forfeiture paid). See also Emmis Radio License Corp., FCC 04-62 (rel. Apr. 4, 2004) See also Clear Channel Broadcasting Licensees, Inc., 19 FCC Rcd 1768 (2004)

⁹ See Letter from Chairman Michael K. Powell to the Hon. John D. Dingell, March 2, 2004

One broadcaster I spoke with in Eastern Washington used to air a program called the Don & Mike Show, syndicated by Westwood One, and heard locally in Washington D.C. on 106.7 WJFK-FM from 3-7 p.m. That broadcaster reported to me that he loved the program. Some in his community of 5,000 loved the program, but the program was so “over the edge” that his advertisers would not support the program. He also received community pressure from his fellow Rotarians. As a result, he terminated his syndication agreement in favor of a syndicated program he could sell. S-R submits to the Commission that social and market-forces “worked” in this case, and they should be allowed to work elsewhere.

The Commissioners as a body have to admit from person-to-person, and administration to administration, they each have differing views on what constitutes obscenity and indecency. The bias is generational, cultural, social, and religious. Our guess is that in most markets where successful indecency complaints have been filed against radio stations, generally it’s the result of one or two programs on perhaps one or two stations out of as many as 45 total signals available in the market, and the complaints are generally from larger markets or rural listeners tuned to signals from larger markets. All voices deserve to be heard in America, not just those of the vocal minority, and radio is one of many media where those voices should be heard all the time. If the community of listeners and advertisers don’t support a radio station, the radio station won’t be able to sustain itself. That alone, should be sufficient to regulate the industry. Once again, S-R ultimately opposes MB Docket No. 04-232 in any form.

RESPECTFULLY SUBMITTED THIS 23rd DAY OF JULY, 2004 BY:

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Exhibit 1



VR615 w/Optional Front Panel Control

BROADCAST DIGITAL AUDIO LOGGING RECORDERS

May 1, 2004

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VR615b 9.4GB DVD DRIVE & TWO - 250GB RAID1 HARD DISKS 22KHz BANDWIDTH

4 Stereo or 8 Mono Channels, One 9.4GB DVD Drive w/ 250GB Mirrored Hard Disks Recorder for PC Control	\$ 10,150
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PC Workstation w/All Eventide Software & DVD-RAM Drive w/Flat Color Monitor	\$ 4,995

SOFTWARE VR615b & VR615

Eventide Call Browser Software For Windows PC Workstations	\$ 995
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SUPPLIES

9.4GB Double Sided DVD-RAM Rewritable CDs (Each)	\$ 50
Additional Labels for Smart Label Printer (Box of 2)	\$ 14

VR615b HiFi Advanced Technology Logging & Archiving System Storage

Frequency Response	22Hz to 22kHz	22Hz to 20kHz	22Hz to 14.5Hz
Sample Rate	48kHz	44.1kHz	32kHz
*Recording Time	298 CH Days	323 CH Days	446 CH Days

*1 Mono Channel on 250GB HD

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Exhibit 2



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Exhibit 3

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L. R. Chasse

"Very impressed"
Matt Birch

"AWESOME!!!"
Dan Sills

Power Record Instant Audio Recording

- Scheduled and Instant audio recording from any source
- Record instantly from any source including streaming audio
- Schedule as many events as you want-like a VCR for radio
- Record direct to MP3 or convert to MP3
- Get flawless sound and eliminate clipping with Automatic Gain Control

Limited Time Offer - 25% off
RipEditBurn or Wave Creator if purchased with Power Record - [Buy Now](#) or [Get a Free Demo](#)



With Power Record you can record radio and internet radio programs right from your computer. It's like a VCR for radio- perfect for catching a sports broadcast or news program that you can't listen to while it's on the air. The only limit to the length of the recording is the size of your hard drive!

Set up an unlimited number of events for one-time, daily, weekly or monthly recording! Select a different internet radio station for each event- Power Record will automatically go to it just before starting to record the event.

Power Record is also ideal for instant recording, always available at the click of a mouse button to record whatever you want to record. Power Record lets you choose the right recording quality, and its powerful Automatic Gain Control will help deliver perfect sound.

Power Record will playback your recordings and convert them to MP3 with either Fraunhofer or Lame encoders (not included, the Lame encoder is available for free download- see <http://www.blazeaudio.com/wmp7/> for details).

Special Offer:

Power Record is the ideal program to use with our powerful wave

Buy Now

Free Demo

Lifetime
Upgrade

Price: US\$

Current Version:
OS: Win 95,
2000, XP
Free Trial: [Click Here](#)
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Reviews

Topshareware
Reviews
5 STARS

Best of the Best
UKware
Award Best

UKware Rating
UKware
Award

editors, [RipEditBurn](#) and [Wave Creator](#). That's why we are making a special offer- if you purchase Power Record and [RipEditBurn](#) together, you pay only US\$29.96 (25% off) for RipEditBurn. If you purchase Power Record and [Wave Creator](#) together, you pay only US\$14.96 (25% off) for Wave Creator. Just go to our [purchase page](#) and select the programs you want- the special price will be reflected in your total.

Power Record's Features

- Schedule as many events as you want for later recording
- One-time, Daily, weekly, or monthly recording
- Specify an internet radio station- Power Record will automatically start it be recording
- You choose the recording quality and record source
- Instant recording right from your tool tray- one click away from unlimited r

Get Power Record Today!

Power Record requires a PC running Windows 9x, Me, NT, 2000, or XP with a wor Soundblaster compatible sound card. You will need an internet connection to recc radio.

We offer a free 30-day trial of Power Record below, and you can purchase the full US\$29.95.



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MP3 to MMF Converter
Audio MP3 Converter

**BACKUP & COPY DVD
MOVIE**

All Sound Recorder XP - recording real audio, streaming audio



Recommend

All Sound Recorder XP, the powerful **recorder**, **editor** and **player**, makes a complete recording studio of your computer. With the recorder you can record voice from micro phone, internet streaming audio, or music played by Winamp, Windows Media Player, Quick Time, Real Player, Flash, games, etc.

What can the MP3 Recorder do for you:

- * **Convert RM to mp3** (Anything played by Real Player) Flash 220k
- * **Record Protected WMA files to MP3 format** Flash 120k
- * **Recording Real Audio to MP3** Flash 220k
- * **Convert Cassette Tape/LP to MP3**

What's new in version 2.10:

- * **Support Hotkeys work in any application**
- (Alt+F1 "Start" | Alt+F2 "Pause" | Alt+F3 "Stop")
- * Powerful **Multi-session Recording Schedule** Function
- * **New Track Split Mode** (you can even set the silence length)
- Now it's possible to record literally hundreds of songs in your favorite music genre from Internet Radio stations without attendance. Using the Scheduled Recording mode, you can specify starting and stopping times for recording, and let Track Split separate songs into files for you, you don't have to baby-sit the process as other audio recorders demand.(setting in "Options / Misc")
- * **New Time Split Mode** allows you to specify the length of time you wish to record and have recording stop or new a recording work automatically after the timed countdown ends.

All Sound Recorder XP is able to automatically detect the recording formats your sound card supports and then set the application's parameters for the best possible performance.

The recordings can be saved as .mp3, .wav, .wma, .vqf and .ogg files.

What makes All Sound Recorder XP more powerful is its editing feature.

It can edit audio files as you desire by cutting, copying, pasting, trimming segments and employing various DSP effects

Include:

- * Open, create and save audio files;
- * Display a waveform window of an audio file and apply zooming;

Pro



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- **WMA Con**

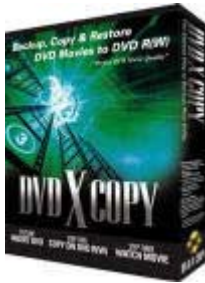
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- **Copy All Menus, Trailers & Special Features**
- **PERFECT IMAGE & AUDIO QUALITY**

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RETAIL: \$129.99 (SAVE \$30)
Your Price: US\$99.99

Step 1: Install DVDXCOPY on Computer

Step 2: Insert Blank DVD Disc

Step 3: Press COPY NOW to Backup DVD

It couldn't be easier!

Note: This is a fully featured DVD burner software that burns DVD 1 to 1. No other expensive software is required!

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- * Play an audio file or any part of it;
- * Record new audio file from a microphone or another input device;
- * Visually edit an audio file (Cut, Copy, Delete Silence, Paste, Paste From File, Mix, Mix From File);
- * Apply different effects (Amplify, Delay, Equalizer, Fade, Flanger, Invert, Normalize, Reverse, Multi Tap Delay, Silence, Stretch, Vibrato, Echo, Chorus);
- * Apply different filters to the selected part of an audio file (Ban Pass Filter, High Pass Filter, High Shelf Filter, Low Pass Filter, Low Shelf Filter, Notch Filter).
- * Insert noise or silence in an audio file;
- * Resample MP3 or Wav files.

Another useful feature is **Sound Data Active Mode technology**.

This feature is very useful to record Sound from internet.

Integrate the **intelligent silent detector to skip silent passages**, it will pause recording automatically when playing is silent and resume until playing continue.

MP3 Recorder + Sound Editor = US\$29.95 Only!

Not one week. Not one month. Not even one year! Free updates... FOREVER!

"100% Satisfaction, Try It For A Full 30 Days Or Get Your Money Back GUARANTEE!"

Click Here to view the Recording Tutorials!

Features:

1.Powerful functions:

Super Mp3 Recorder Pro can record any signal played through your sound card as Mp3, Wma, Vqf, Ogg or Wav files.

2.CD quality recording:

With its powerful sound engine Super Mp3 Recorder produces recordings with CD quality.

3.Audio File Editing:

Super Mp3 Recorder Pro can edit audio files as you desire by cutting, copying, pasting, trimming segments and employing various DSP effects.

4.Recording Schedule:

Super Mp3 Recorder Pro can start and stop recording at any time you set.

5.Easy-to-use user-friendly interface:

Most functions can be called up with a simple mouse click or menu selection. You can conveniently make skins for Super Mp3 Recorder pro through our color scheme system.

6.Flexible setting:

Super Mp3 Recorder pro is able to automatically detect the recording formats your sound card supports and then set the application's parameters for the best possible performance. The default parameters work in most cases, but you can change them easily to best suit your needs.

7.Record volume control support:

Super Mp3 Recorder pro integrates the complete set of record volume control for your convenience.

8.Direct-To-Disk long time sound recording support:

Super Mp3 Recorder pro can consecutively record for as long as your like without interrupt.

System required:

1. Microsoft Windows 95/98/2000/ME/XP or better
2. Pentium 90mhz or better
3. 16 MB RAM 3 MB hard drive space
4. Full-duplex sound card is also required

What's benefit after registering:

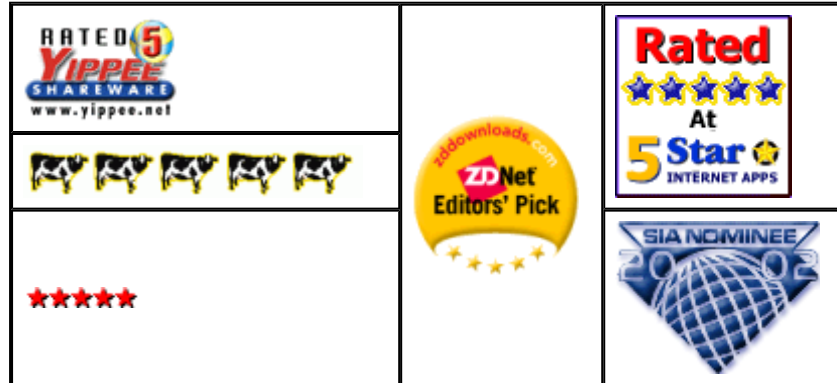
1. Recording without time limitation!
2. No annoying reminding Message !
3. Get technology support free !

Order information:

All Sound Recording XP is a shareware. A user who want to use full-function requires registration. The registration fee only costs \$29.95 US dollars.

Once you register, we will send you registration code immediately and all newer versions will also registered to you.

▪ **Awards**



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30 Day Guarantee!

Requirements

- Windows 98 or later
- Sound card
- (MP3 Player or CD Burner recommended but not required.)

More Cool Software

• Replay Player



Fast forward, pause or rewind while listening to your shows. This handy player puts you in control.

Replay Radio 5.0

A Cool Tool for Radio Lovers

Now you can record hundreds of radio broadcasts from all over the world and listen whenever you want on your PC, CD Player or MP3 Player, and skip over the ads. It's easy with Replay Radio!

Works like a VCR for Internet Radio

Replay Radio is an incredibly easy way to record radio broadcasts. Think of it as a "TiVo™ DVR" for the radio. Just pick your favorite radio show, or station and a time range, and Replay Radio records it for you. Hundreds of shows and stations are pre-programmed, making recording as easy as a click.

Make MP3s or CDs Automatically

Once your show is recorded, Replay Radio makes MP3 files for listening on an MP3 player, iPod, or your PC. Or, you can have Replay Radio automatically burn a CD. Everything happens automatically!

Here's why Replay Radio is the best way to record Internet

- Record Internet radio broadcasts in any format, including Real, Windows Media and others.
- Only Replay Radio has a growing database of **638 shows** and **8 stations** for quick and easy recording.
- The **Replay Player** add-on makes listening on your PC a joy. Pause over ads, fast forward and rewind, or speed up playback. A **Pocket version** is available, too.
- Create high quality MP3 files for listening on your PC, iPod, MP3 PDA.

MP3 Magic



Split, chop, trim and edit your recorded MP3 files with this handy MP3 file editor.

Replay Music



Turn Streaming Music into perfectly tagged MP3 song files with "The **Ultimate Streaming Music Recorder**". Free trial!

WM Recorder



Record and Capture streaming Video! Almost any Windows Media format stream can be saved on your PC for viewing forever. Free trial!

Radio Wizard



Control live Web radio! Pause. Record. Rewind. Fast Forward. Try Radio Wizard today!

Easy Media Creator



Roxio Easy Media Creator™ 7 is the standard in burning and ease of use for all digital media.

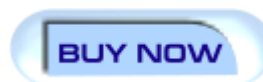
- Automatically burn Audio CDs for playback on any CD Player or Makes MP3 CDs, too.
- Removes periods of silence.
- Split recordings into smaller segments.
- Record directly from a radio or other audio source by connecting PC's sound card.
- Compression technology requires as little as 7 Mb/hour.
- Works just like a VCR: Pick a station, and schedule days and time record.
- View and listen to previously recorded shows.
- Access audio reads of the **New York Times**, **Wall Street Journal**, **Washington Post**, and other popular daily newspapers and magazines.
- For **iPod** lovers: Writes recordings directly to iTunes.
- Very easy to use.

It's a great all purpose recorder, too!

Replay Radio records anything you hear on your PC, not just Internet stations. You can even use Replay Radio as a recorder for archiving books, saving music, monitoring online police scanners, recording devices attached to your PC (like cassette decks or radios), or other.

Get Replay Radio, and start enjoying great radio shows wherever you like!

Order Replay Radio Today!



30 Day Money Back Guarantee!

More Information

- Take a Screenshot Tour**



[Click here to see how easy it is to record radio shows with I Radio.](#)

● **Download a FREE Demo**

Try Replay Radio FREE. See for yourself how easy it is to use Re



● **Read Rave Reviews from PC World and Others**



"Setting up daily or weekly recordings is a cinch"

PC World
October 2003

[Click here to read more reviews.](#)

● **Read the Replay Radio User Guide or FAQ**

We stand behind Replay Radio with a comprehensive [User Guide](#), great customer service.

● **Got Questions?**

Did we mention we have great customer service? [Send us an em](#)

like to find out more about Replay Radio.

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MP3 Sound Recorder Software

Sound recorder tool--Capture music to MP3 or WAV files

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We are the member of ASP (Association of Shareware Professionals)

[Tell a friend about Audio Playback Recorder!](#) You could WIN \$10,000 when you do!

3D MP3 Sound Recorder v3.6

Audio Playback Recorder v3.6



3D MP3 Sound Recorder (Audio Playback Recorder) is a sound recorder software. with **3D interface** you to create digital files from any audio that played through your computer's sound card or of the audio source. This allows recording from microphones, the line-in jack, the computer, Internet radio stations, movies, games, etc may be saved in **WAV** or **MP3** format, as c

Files are created 'on-the-fly', in real time as temporary files are created. The files are easy to use back on common applications such as RealPlayer, WinAmp, Media Player, etc. without problem. The program also includes its own **WAV/MP3** format and immediate validation of recorded files.

Free to try , download free version

[Download free version](#)

Download **3D MP3 Sound Recorder** , Create your own **MP3** music, enjoy and have fun now

3D MP3 Sound Recorder is very easy to use

What can I do with this MP3 Sound Recorder software ?

▶ [Transfer LP, tape, vinyl album to CD easy and fast](#)

- ▶ Record streaming audio from internet.
- ▶ Record sound generated by other programs, such as Power DVD ,RealPlayer, WinAmp ,Windows Media Player,etc.
- ▶ Record music from games.
- ▶ Record music from movies played by VCR or DVD player.
- ▶ Record music from tape player.
- ▶ Record sound from microphone.

[Download here](#)

"I gave it a try alongside of several others and I liked the ease of use and format of this one best. I like to mix music and with this tool I can easily create loops and samples from pre-recorded audio sources like DVD's and CD's as well as from internet sources. I create the files in .wave format to use with some of my mixing programs later editing. It's very simple to set up and use

— Bill Schmidt

Unique features of this MP3 Sound Recorder software.

[Automatic silence detection.](#)
[Voice activated recording.](#)
[Multi-session schedule recording.](#)
[Automatically stop recording.](#)
[Multiple file creation.](#)
[Recording streaming audio easy and effective.](#)
[Real 3D interface.](#)
[Instant switch between MP3 and WAV format.](#)
[Customized hot keys definition.](#)

"I have downloaded the Shareware version of your renowned program "Audio Playback Recorder" some days back and liked it at first glance. I am using it frequently and enjoying its features & functionalities with great passion. Its 3D revolving window expression is unique and quite individual.
 What a real time recording facilities it have! Wonderful and Excellent!
 It's a unique program with a bundle of regular and special functions, placing it ON THE TOP in its category. ".

— Muhammad Ajmal Beig Naz

Other Products:

[Voice of keyboard](#)

Track Splitter™ technology

Audio Playback Recorder (3D MP3 Sound Recorder) implements the standard features available sound recorders but incorporates one extremely useful feature that sets it apart. **Track Splitter™** technology allows you to record audio streams from CD or Internet Radio. Tracks are split into separate WAV/MP3 files automatically. This means that you don't have to bother with the process as other audio recorders demand. Nor do you have to convert CD music files to CDA to **WAV/MP3** one track at a time.

Now it's possible to record literally hundreds of songs in your favorite music genre from Internet Radio stations without attendance. Using the unique **Scheduled Recording** mode, you can specify starting and stopping times for recording, and let **Track Splitter™** separate song files for you.

A separate **Timed Recording** mode allows you to specify the length of time you wish to record and have recording stop automatically after the timed countdown ends. **Track Splitter™** is used in this mode also.

Full control of MP3 file bit-rate allows you to select the file size and sound quality you desire for your recordings.

The program is very easy to use - simply click the record button and it will start recording. Control buttons allow choice of WAV or MP3 file format, and **Track Splitter™** feature on/off control.

Three ways to split tracks :

1. Using signal recording mode:

Tracks are separated by silence. 3D MP3 Sound Recorder can detect silence in the sound stream automatically and save each track to different files. With this method, you can set the length of silence for splitting. This enables you to make decision on what kind of silence can split tracks. If you don't want split tracks, you can also use this method to eliminate silence in the sound stream. This is much useful when your audio stops for "buffering" or if there is network congestion.

Click here to see the sound effects of this technology : [Sound Effects of 3D MP3 Sound Recorder](#)

[Click here to see how to use this **Track Splitter™** feature.](#)

2. Using absolute time schedule recording :

Our **multi-session schedule** technology enables you to split tracks by time. You can let Sound Recorder to record only during your specified time periods. By enable multiple file creation , each sessions will be saved as different files. You can use this method to record streaming audio from internet , it will automatically record your favorite programs according to the schedule. Also you can combine with the signal recording mode to eliminate silence.

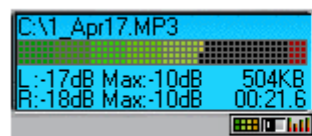
3. Using relative time schedule recording : **New!**

The schedule is not absolute time . it 's relative time after you pressed schedule recording. This helps you to cut the sound to different files according to time length regardless current

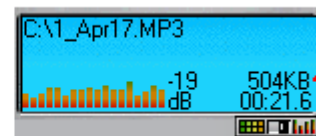
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New features of 3D MP3 Sound Recorder .

Show input level in dB scale



Show input level in regular mode



Use this switch to change show mode

Show input level in dB scale:

This feature can help you to monitor the recording level. you can adjust the volume to make the level between green and red area, to avoid the distortion due to too high volume, and make the sound audio

Dynamically adjust threshold level for signal recording

You can adjust the threshold when you are doing signal recording. it helps you to find which signal level is the best threshold easily .

Show file size in real time:

You can see the file size when you are doing recording. so you can know how many bytes you have recorded at any time.

Time stamped file name:

Support date and time as file name. The file name will be the time when you begin to record if you enable this feature. the file name format is yyyyymmdd-HHMMSS.MP3 or yyyyymmdd-HHMMSS.WAV

Hot Key Support :

3D MP3 Sound Recorder has predefined hot keys for every operation, this feature enables you to perform your tasks even without using a mouse. Hot keys are editable, **you can define your own hot keys**, you can define [more hot keys for one operation](#). for example you can use F8 , Enter key, or CTRL+R to start recording

Assign Date or day of week to schedule list:

You can set schedule for a specified day , this enables you to schedule recording only on that day.

 [Download here](#)

"The fact that I got to try it out first. Also that it is very easy to record from records and tapes. Other software I have tried has recorded but there was always problems with playback, There was never any sound. This was not a problem with 3D MP3 Sound Recorder".

— Robert Thomson

"It has every feature that I want I'm very pleased with ease of use, excellent design of interface and controls. I especially like the timer and signal recording features."

— Richard Weisman

Want to know more about 3D MP3 Sound Recorder ?

Glance at the interface and controls : [Controls and Buttons \(1\)](#) , [Controls and Buttons \(2\)](#)

Quick Start : [As easy as ABC](#)

More on recording : [How to ..](#)

Powerful recording : see the following scenarios

Typical recording scenarios

[Record sound played back by other software like Winamp ,Realplayer ,Power DVD etc.](#)

[Record from microphone](#)

[Record from Audio tape player, VCR or DVD Player](#)

Advanced recording

[Record sound using signal recording mode](#)

[Record sound using time schedule recording mode](#)

Case studies

[Record live radio from internet](#)

[Rip CD to MP3 files.](#)

"It could do what I wanted, that is, take the sound from a video MPEG file and convert it to a WAV file so I could burn an audio CD of the sound. I am also hopeful that I can connect my audio cassette player to my computer and then convert some old audio musical cassettes I have into WAV files so I can burn CDs of the old audio cassettes.

I like the feel of the program, it is easy to use, and very intuitive. Great product! ".

— Richard Prior

"The ease of use, unique way rotates to do settings. I liked the user interface, ease of operation and it looks for and configures the different inputs, just a nice piece of Programming!! I have tried several others and this is by far the best and easiest to use. Thanks for the good work".

— Dale K. Smith

Like 3D MP3 Sound Recorder (Audio Playback Recorder) ?

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**"100% Satisfaction, Try It For A Full 30 Days Or Get Your Mone
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